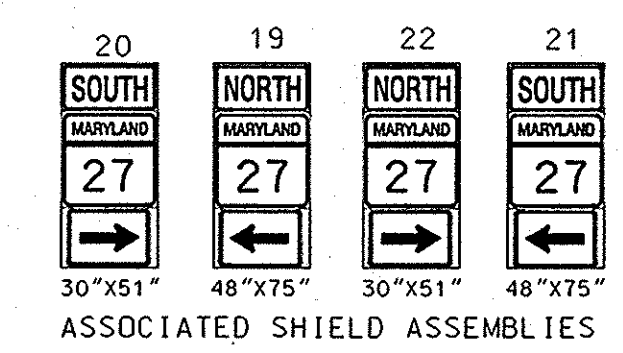
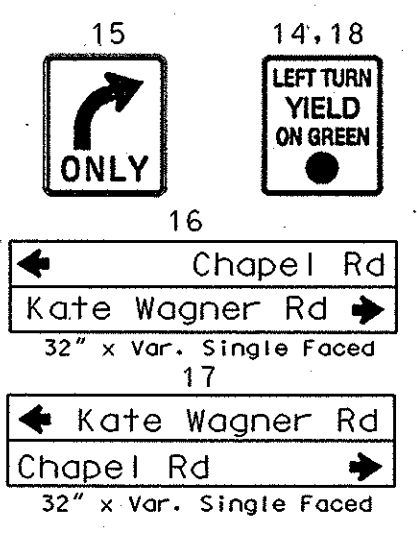


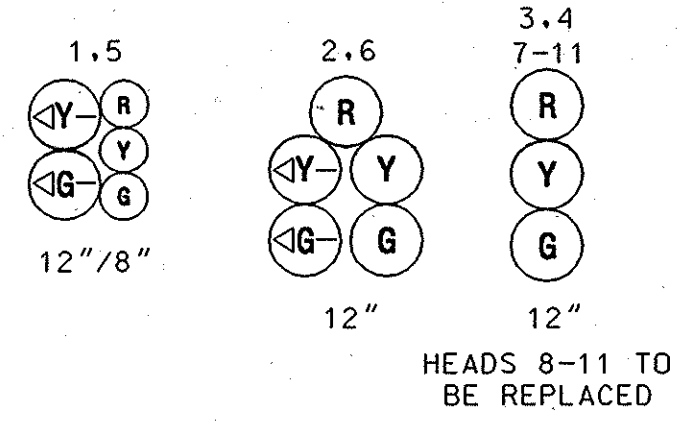
MD 27 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

PROJECT DESCRIPTION
THIS PROJECT INVOLVES THE RELOCATION OF THE SIDE STREET
SIGNAL HEADS AND THE ADDITION OF ONE NEARSIDE SIGNAL HEAD
FOR EACH SIDE STREET APPROACH.

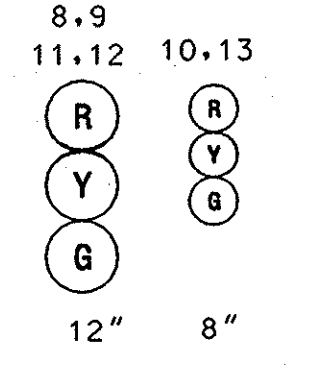
EXISTING SIGNS



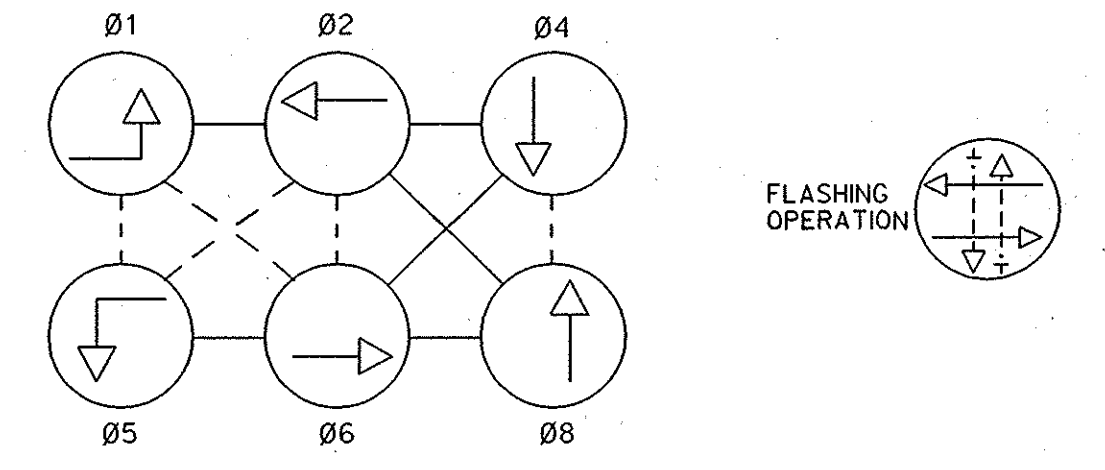
EXISTING SIGNALS



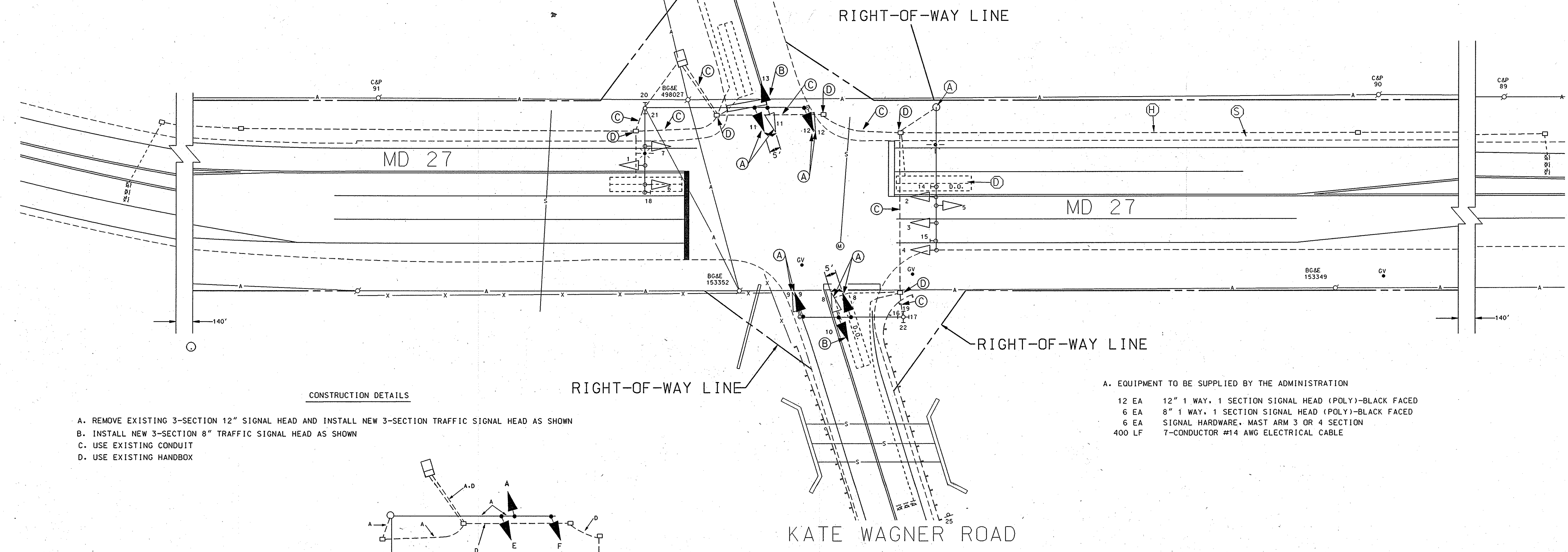
PROPOSED SIGNALS



NEMA PHASING



PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY
PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY



CONSTRUCTION DETAILS

- A. REMOVE EXISTING 3-SECTION 12" SIGNAL HEAD AND INSTALL NEW 3-SECTION TRAFFIC SIGNAL HEAD AS SHOWN
- B. INSTALL NEW 3-SECTION 8" TRAFFIC SIGNAL HEAD AS SHOWN
- C. USE EXISTING CONDUIT
- D. USE EXISTING HANDBOX

- A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION
- 12 EA 12" 1 WAY, 1 SECTION SIGNAL HEAD (POLY)-BLACK FACED
 - 6 EA 8" 1 WAY, 1 SECTION SIGNAL HEAD (POLY)-BLACK FACED
 - 6 EA SIGNAL HARDWARE, MAST ARM 3 OR 4 SECTION
 - 400 LF 7-CONDUCTOR #14 AWG ELECTRICAL CABLE

UTILITY LEGEND	
— G —	GAS MAIN
— W —	WATER MAIN
— S —	SEWER MAIN
— E —	ELECTRIC CABLES
— A —	AERIAL CABLES
— T —	TELEPHONE CABLES

B.C.E.F USE EXISTING CABLE
A.D 7-CONDUCTOR #14AWG

REVISIONS		APPROVALS		MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION MD 27 @ KATE WAGNER/CHAPEL ROADS CARROLL COUNTY, MARYLAND			
1	RELOCATE SIDE STREET HEADS AND ADD SIDE STREET NEARSIDES	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION		DRAWN BY: T. ZAYDEL	F.A.P. NO. N/A	TS NO. 3747-8	SHEET NO.
2	Replace detection due to County widening	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION		CHECKED BY: T. ZAYDEL	S.H.A. NO. N/A	T.I.M.S. NO. H 020	OF
3	County widening	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION		SCALE: 1:20	COUNTY: CARROLL		
4		DIRECTOR, TRAFFIC & SAFETY		DATE: 11-15-97	LOG MILE: 06002715.82		